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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/668,144	09/25/2000	Jonnie R. Williams	04859.00006	1613

7590

06/10/2002

Banner & Witcoff, Ltd.
1001 G Street, N. W.
Washington, DC 20001-4597

EXAMINER

COLAIANNI, MICHAEL

ART UNIT	PAPER NUMBER
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1731

18

DATE MAILED: 06/10/2002

Please find below and/or attached an Office communication concerning this application or proceeding.



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	18

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Commissioner of Patents

Find attached copies of the IDS's
filed 2/5/02 as Paper No. 15 and
filed 4/12/02 as Paper No. 17.


**MICHAEL COLAIANNI
PRIMARY EXAMINER**

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/668,144
				Filing Date	September 25, 2000
				First Named Inventor	Jonnie R. WILLIAMS
				Group Art Unit	1731
				Examiner Name	Colaianne, M.
				Attorney Docket Number	004859.00006
Sheet	1	of	2		

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Examiner Signature	<i>Michael J. Davis</i>	Date Considered	5/21/2002
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STATEMENT BY APPLICANT**

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Sheet 2 of 2

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First Named Inventor	Jonnie R. WILLIAMS
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Examiner Name	Colaianne, M.
Attorney Docket Number	004859.00006

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
AWC	AI	Defendant R.J. Reynolds Tobacco Company's Responses to Plaintiff's First Set of Interrogatories, <i>Star Scientific, Inc. v. R.J. Reynolds Tobacco Company</i> , Civil Action AW-01-1504 (U.S. District Court Maryland), 12/24/01.	

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Group Art Unit	1731
Examiner Name	M. Colaianni
Attorney Docket Number	004859.00006

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
MK		US-3,105,713	10-01-1963	Hassler	
Kine		US- 3,134,583	05-26-1964	Wilson	
MW		US- 3,251,620	05-17-1966	Hassler	
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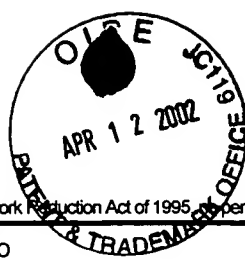
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Sheet 2 of 4

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Group Art Unit	1731
Examiner Name	M. Colaanni
Attorney Docket Number	004859.00006

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
WPK		Defendant R.J. Reynolds Tobacco Company's Amended and Supplemental Responses to Plaintiff's First Set of Interrogatories, filed in the U. S. District Court of Maryland, Civil Action 01-1504, dated February 22, 2002, 23 pages.	
WPK		W. S. SCHLOTZHAUER and O. T. CHORTYK, "Changes in the Chemical Composition of NC 2326 Tobacco Through Ozone Treatment of Intact Leaves, 2 sheets, October 1986.	
WPK		Dietrich Hoffmann, Abraham Rivenson, Fung-Lung Chung, and Stephen S. Hecht, "Nicotine-Derived N-Nitrosamines (TSNA) and Their Relevance in Tobacco Carcinogenesis," pp. 305-311, Volume 21, Issue 4, 1991.	
WPK		JOE M. BUNN, GEORGE A. DUNCAN, WILEY H. HENSON, JR. AND LINUS R. WALTON, "Environmental Design of a New Burley Curing Barn," (Tobacco Science 1-5), 3 sheets, June 22, 1972.	
WPK		WALTER G. FRANKENBURG, "Chemical Changes in the Harvested Tobacco Leaf," pp. 326-425, (date unknown).	
WPK		W. H. JOHNSON, "Oxygen Depletion By Respiration For Bright Leaf Tobacco In A Closed Curing System," (Tobacco Science 5-11), 4 sheets, (date unknown).	
WPK		C,W, SUGGS, "Mechanical Harvesting Of Flue-Cured Tobacco: Part 10: Optimization of Curing Capacity and Bulk Barn Parameters," (Tobacco Science 126-130), 3 sheets, May 2, 1979.	
WPK		C,W, SUGGS, "Mechanical Harvesting Of Flue-Cured Tobacco: Part 9: Developments in Container (Box) Bulk Curing," (Tobacco Science 1-6), 3 sheets, July 18, 1978.	
WPK		BRYAN W. MAW, PAUL E. SUMNER and MICHAEL G. STEPHENSON, "Tobacco Quality As Affected By Fan Cycling During Different Stages of Tobacco Curing," Tobacco Science 116-118), 3 sheets, Volume 30, 1986.	
WPK		ABSTRACT FORM, 41 st Tobacco Chemists' Research Conference, Greensboro, NC, 1 sheet, 1987.	
WPK		FD. CHEM. TOXIC., "Short Paper Tobacco-Specific N-Nitrosamines In Dry Snuff," Vol. 25, No. 3, pp. 245-246, 1987	

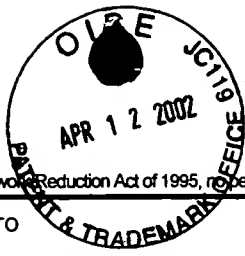
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Sheet 3 of 4

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WPK		R. T. GARVIN, "How Prolonged Yellowing Affects the Dry-Mass Yield And Chemical Constituents of Flue-Cured Tobacco," (Tobacco Science 13-15), 2 sheets, May 2, 1986.	
WPK		A. R. TRICKER, R. HAUBNER, B. SPIEGELHALDER and R. PREUSSMANN, "The Occurrence of Tobacco-Specific Nitrosamines In Oral Tobacco Products and Their Potential Formation Under Simulated Gastric Conditions", Fd. Chem. Toxic. Vol. 26. No. 10, pp. 861-865, 1988.	
WPK		VENTOBACCO, Bulk Curing Barns, Operator's Manual, 18 sheets, Poland 1993.	
WPK		VENTOBACCO, Curing Computer VK 961, Operator's Manual, 20 pages, 1997.	
WPK		VENTOBACCO, Ventolab 6, Operator's Manual, 3 sheets, Cyprus 1992.	
WPK		VENTOBACCO, 84 Rack Curing Barn, 8 sheets, Jordan 1992.	
WPK		VENTOBACCO, Curing Computer VK 981, Operator's Manual, 29 pages, 1998.	
WPK		GROUP RESEARCH AND DEVELOPMENT CENTRE, "The Effect of Curing Techniques on the Nitrosamine Content of Tobacco: A Preliminary Study," 13 sheets, October 13, 1983.	
WPK		W. J. CHAMBERLAIN, O. T. CHORITK, J. L. BAKER and T. G. SUTTON, "Curing Effects on Contents of Tobacco Specific Nitrosamines In Bright and Burley Tobaccos," 11 sheets, 1986.	
WPK		RESEARCH AND DEVELOPMENT CENTRE, "The Effect of Agricultural and Curing Practices on Nitrosamine Levels in Tobacco," 42 sheets, November 6, 1986.	
WPK		RESEARCH AND DEVELOPMENT CENTRE, "Nitrosamine Reduction By Tobacco Irradiation," 22 sheets, March 1, 1989.	

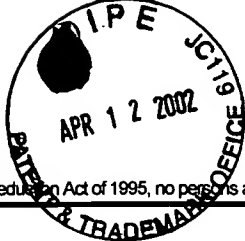
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Sheet 4 of 4

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MPK		S. MAKLEIT, Abstract Translation, "Nitrosamines In Tobacco and In Cigarette Smoke," 13 sheets, 1986/	
MPK		J. S. CUNDIFF, "Fan Cycling and Energy Consumption in Bulk Tobacco Curing," pp 3-29, 1978.	
MPK		C. W. SUGGS, H. B. PEEL and T. R. SEABOCH, "Bulk Density and Drying Effect on Air Flow Through Flue-Cured Tobacco Leaves," Tob. Sci. 33, pp. 86-90, 1989.	
MPK		WILLIAM H. JOHNSON, "Influence of Harvesting and Process Variables on Bulk Curing Of Bright Leaf Tobacco," Transactions of the ASAE, Vol. 8, No. 3, pp. 354-357, 1965.	
MPK		M. D. BOYETTE and C. W. SUGGS, "Flue-Cured Tobacco," 3 sheets, 1992.	
MPK		GEORGE A. DUNCAN, "Using Fans in Conventional Burley Barns," 3 sheets, April 1992.	
MPK		CHARLES H. RISNER and FRED N. WENDELBOE, "Quantification of Tobacco Specific Nitrosamines In Tobacco," 3 sheets, January 1994.	

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